

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		10/530,972	
				Filing Date		December 5, 2005	
				First Named Inventor		DeFrees, <i>et al.</i>	
				Group Art Unit		1654	
				Examiner Name		Heard, Thomas Sweeny	
Sheet	1	of	1	Attorney Docket Number		40853-01-5083-US01	

U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code (if known)		
	2002/0150981	A1	Canfield	Oct. 17, 2002
	2002/0168323	A1	Gonda et al.	Nov. 14, 2002
	2003/0027257	A1	Iatrou et al.	Feb. 6, 2003
	2004/0136955	A1	Barker	July 15, 2004
	4,565,653		Ives et al.	Jan. 21, 1986
	5,153,265		Shadle, et al.	June 10, 1992
	5,169,933		Anderson et al.	Dec. 8, 1992
	5,346,696		Kim, et al.	Sept. 13, 1994
	5,369,017		Wong, et al.	Nov. 29, 1994
	5,492,841		Craig	Feb. 20, 1996
	5,849,535	A	Cunningham, et al.	Dec. 15, 1998
	5,945,314		Prieto, et al.	Aug. 31, 1999
	6,087,325	A	Meers et al.	July 11, 2000
	6,183,738		Clark	Feb. 6, 2001
	6,261,805	B1	Wood	July 17, 2001
	6,362,254	A	Harris et al.	Mar. 16, 2002
	6,440,703	B1	DeFrees	Aug. 27, 2002
	6,555,346	B1	Kretzdom et al.	April 29, 2003
	6,692,931		Reutter, et al.	Feb. 17, 2004

FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₁
	Country Code	Number	Kind Code (if known)			
		EP 0474313	A	Ingenieria Genetica y Biotechno	Mar. 11, 1992	
		EP 0585109	A	Taniguchi Naoyuki	Mar. 2, 1994	
		WO00/23114	A2	Biogen, Inc.	April 27, 2000	
		WO 01/49830	A2	Okkels et al.	July 12, 2001	
		WO 01/58935	A2	Andersen, et al.	Aug. 16, 2001	
		WO 01/60411	A1	Kondo	Aug. 23, 2001	
		WO 02/02597	A2	Okkels et al.	Jan. 10, 2002	
		WO 02/02764	A2	Nelsetstuen, Gary L.	Oct. 1, 2002	
		WO 02/74806	A2	Rasmussen et al.	Sept. 26, 2002	
		WO 02/13843	A2	Gabathuler et al.	Feb. 21, 2002	
		WO 02/13873	A1	Gabathuler et al.	Feb. 21, 2002	
		WO 03/17949	A2	Neose Technologies, Inc.	Mar. 6, 2003	
		WO 03/31464	A2	Neose Technologies, Inc.	April 17, 2003	
		WO 04/99231	A2	DeFrees et al.	Nov. 18, 2004	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	11/183,218		
		Filing Date	July 15, 2005		
		First Named Inventor	DeFrees, <i>et al.</i>		
		Group Art Unit	1654		
		Examiner Name	Heard, Thomas Sweeny		
Sheet	1	of	1	Attorney Docket Number	40853-01-5083-US02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁
	Abeijon et al., 1986, J. Biol. Chem. 261(24):11374-11377	
	Allegre et al., 2006, J. Membrane Science 269:109-117	
	Boccu et al., 1983, Z. Naturforsch 38C:94-99	
	Busterbosch et al., 1996, Eur. J. Biochem. 237:344-349	
	Cope et al., 1991, Molecular Microbiology 5(5):1113-1124	
	DeFrees, 2006, Glycobiology 16:833-843	
	Douglas et al., 1991, J. Am. Chem. Soc., 113:5095-5097	
	Gotschlich, Emil C., 1994, J. Exp. Med., Coden: Jemeav; ISSN: 0022-1007, 180(6):2181-90	
	Grabenhorst et al., 1993, Euro. J. Biochem., 215:189-197	
	Fan et al., 1997, J. Biol. Chem. 272(43):27058-27064	
	Koeller et al., 2001, Nature 409:232-240	
	Harris et al., 2003, Nature Reviews Drug Discovery, 2:214-221	
	Hayes et al., 1993, J. Biol. Chem. 268(22):16170-16178	
	Hermentin, et al., 1996, Glycobiology 6(2):217-230	
	Leung, S., 1995, J. Immunology, 154:5919-5926	
	Liu et al., 2002, 1996, Chem. Eur. J. 2:1359-1362	
	Long et al., 2006, Experimental Hematology 34:697-704	
	Maranga et al., 2003, Biotechnology and Bioengineering 84(2):245-253	
	Plummer et al., 1995, J. Biol. Chem. 270(22):13192-13196	
	Rosenthal, et al., 1994, Methods Enzymol. 235:253-285	
	Shapiro et al., 2005, B. Biochemistry 105:518-525	
	Sinha et al., 1980, Infection and Immunity 29(3):914-925	
	Stephens et al., 1983, European J. of Biochem., 135(3):519-27	
	Stephens et al., 1983, European J. of Biochem., 133(3):481-9	
	Stephens et al., 1983, European J. of Biochem., 133(1):155-62	
	Tuddenham, E., 2002, Nature 419:23-24	
	Wang, M., 1998, Protein Engineering 11(12):1277-1283	
	Wong et al., 1996, Biotechnology and Bioengineering 49:659-666	
	Yoshitake et al., 1985, Biochemistry 24:3736-3750	
	Zheng et al., 1999, Biotechnology and Bioengineering 65(5):600-604	
	Zhou, et al., 1994, Mol. Microbiol. 14(4):609-618	

1-SF/7623232.1

Examiner Signature	/Thomas Heard/	Date Considered	09/17/2008
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TH/